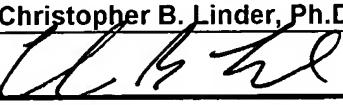


1124 U.S. PTO
012904

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **50508-1053**First Inventor **Hill, et al.**Title **POLYOXOMETALATE MATERIALS, METAL-CONTAINING MATERIALS, AND METHODS OF USE THEREOF**Express Mail Label No. **EL 993860035 US**

APPLICATION ELEMENTS See MPEP Chapter 600 concerning utility patent application contents		ADDRESS TO:	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)		
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See CFR 1.27	8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)		
3. <input checked="" type="checkbox"/> Specification (preferred arrangement set forth below) [Total Pages 67]	a. <input type="checkbox"/> Computer Readable Copy (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies		
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 2]	9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & Documents(s))		
5. Oath or Declaration [Total Pages]	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney 11. <input type="checkbox"/> English Translation Document (if applicable)		
a. <input type="checkbox"/> Newly Executed (original or copy)	12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input checked="" type="checkbox"/> Preliminary Amendment		
b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR §1.63(d)) (for continuation/divisional with Box 18 completed)	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)		
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other:		
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76			
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:			
<input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)		of prior application No: 09/689,231.	
<i>Prior application information:</i> Examiner John D. Pak Group / Art Unit: 1616			
For CONTINUATION OR DIVISIONAL APPS only: the entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
18. CORRESPONDENCE ADDRESS			
<input checked="" type="checkbox"/> Customer Number: 24504		OR <input type="checkbox"/> Correspondence address below:	
NAME	Christopher B. Linder, Ph.D. Thomas, Kayden, Horstemeyer & Risley, L.L.P.		
ADDRESS	100 Galleria Parkway Suite 1750		
CITY	Atlanta	STATE	Georgia
COUNTRY	U.S.A.	TELEPHONE	770-933-9500
Name (Print/Type)	Christopher B. Linder, Ph.D.		Registration No. (Attorney/Agent) 47,751
Signature			Date 1/29/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 1.22 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revisions.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 425.00)

Complete If Known

Application Number	TBA
Filing Date	January 29, 2004
First Named Inventor	Hill, et al.
Examiner Name	TBA (Parent John D. Pak)
Group / Art Unit	TBA (Parent 1616)
Attorney Docket No.	50508-1053

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

 Deposit Account

Deposit Account Number

20-0778

Deposit Account Name

Thomas, Kayden, Horstemeyer Risley, L.L.P.

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	2001		770		385	Utility Filing Fee	385.00
1002	2002		340		170	Design Filing Fee	
1003	2003		530		265	Plant Filing Fee	
1004	2004		770		385	Reissue Filing Fee	
1005	2005		160		80	Provisional Filing Fee	
SUBTOTAL (1)						(\$385.00)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims	Fee From Below	Fee Paid
15	- 20** = 0	X 9.00 = 0
2	- 3** = 0	X 43.00 = 0
0		145.00 = 0

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
		1202	18	2202	9	Claims in excess of 20
		1201	86	2201	43	Independent claims in excess of 3
		1203	290	2203	145	Multiple dependent claim, if not paid
		1204	86	2204	43	**Reissue independent claims over original patent
		1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)						(\$0)

**or number previously paid, if greater; For Reissues, see above

FEES CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1051	130	2051	65
		1052	50	Surcharge-late filing fee or oath	
		1053	130	Surcharge-late provisional filing fee or cover sheet	
		1812	2,520	Non-English specification	
		1804	920*	For filing a request for ex parte reexamination	
		1805	1,840*	Requesting publication of SIR prior to Examiner action	
		1251	110	Requesting publication of SIR after Examiner action	
		1252	420	Extension for reply within first month	
		1253	950	Extension for reply within second month	
		1254	1,480	Extension for reply within third month	
		1255	2,010	Extension for reply within fourth month	
		1401	330	Extension for reply within fifth month	
		1402	330	Notice of Appeal	
		1403	290	Filing a brief in support of an appeal	
		1451	1,510	Request for oral hearing	
		1452	110	Petition to institute a public use proceeding	
		1453	1,330	Petition to revive-unavoidable	
		1501	1,330	Petition to revive-unintentional	
		1502	480	Utility issue fee (or reissue)	
		1503	640	Design issue fee	
		1460	130	Plant issue fee	
		1807	50	Petitions to the Commissioner	
		1806	180	Processing fee for provisional application	
		8021	40	Submission of Information	
		1809	770	Disclosure Stmt	
		1810	770	Recording each patent assignment per property (times number of properties)	40.00
		1801	770	Filing a submission after final rejection (37 CFR § 1.129(a))	
		1802	900	For each add. invention to be examined (37 CFR 1.129(b))	
				Request for Continued Examination (RCE)	
				Request for expedited exam. of a design application	
Other fee (specify)					
SUBTOTAL (3) (\$ 40.00)					

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Christopher B. Linder, Ph.D.	Registration No. 47,751	Telephone Number	770-933-9500
Signature			Date	1/28/04

WARNING: Information on this form may become public. Credit Card information should not be included on this form. Provide credit card information and authorization on PTO-2038

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 USC 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENTS

In re: **Hill, et al.**

For: **Polyoxometalate Materials, Metal-Containing Materials, and Methods of Use Thereof**

CERTIFICATE OF EXPRESS MAIL

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Enclosed for filing in the above case are the following documents:

Return Postcard
Utility Patent Application Transmittal Page
Fee Transmittal Page
Utility Patent Application Consisting Of:
 55 Pages of Specification
 11 Pages of Claims (Claims 1-81)
 1 Page of Abstract
 2 Pages of Formal Drawings (Fig(s). 1-2)
Preliminary Amendment
Declaration (Executed from Parent Case)
Assignment and Recordation Cover Sheet
Information Disclosure Statement
Form PTO-1449
Credit Card Authorization in the Amount of \$425.00

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Respectfully submitted,

Christopher B. Linder, Reg. No. 47,751



THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.
100 Galleria Parkway, N.W.
Suite 1750
Atlanta, Georgia 30339-5948

Our Docket No: **50508-1053**

I hereby certify that all correspondence listed above are being deposited for delivery to the above addressee, with the United States Postal Service "**EXPRESS MAIL POST OFFICE TO ADDRESSEE**" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee"
Package # **EL 993860035 US**.

Date: Jan. 29, 2004


Jo Bryan